

**Stroke and Stroke Rehabilitation**  
**Data Requirements Table for PCPI eSpecification**

**MEASURE #4a - Stroke and Stroke Rehabilitation: Tissue Plasminogen Activator (t-PA) Considered**

Measure Component	QDM* Standard Category	QDM* Data Type	Standard Terminology	Constraints	Value Set Name	Value of Data Element	Data Source	Comments/Rationale
Initial Patient Population	Measure Timing	n/a	n/a	TBD by measure implementer	Measurement Start Date			
	Measure Timing	n/a	n/a	TBD by measure implementer	Measurement End Date			
	Attribute	Attribute: admission datetime	LOINC	starts before or during [Discharge Date]	Admission Date		Electronic Health Record (EHR)	This attribute is applied to value sets titled: Patient Provider Interaction
	Attribute	Attribute: arrival datetime	LOINC	n/a	Arrival Time		Electronic Health Record (EHR)	This attribute is applied to value sets titled: Patient Provider Interaction
	Attribute	Attribute: discharge datetime	LOINC	during measurement period	Discharge Date		Electronic Health Record (EHR)	This attribute is applied to value sets titled: Patient Provider Interaction
	Measure Timing	n/a	n/a	starts after the start of [Admission Date] AND ends before end of [Discharge Date]	Hospital Episode of Care for Stroke		Electronic Health Record (EHR)	
	Individual Characteristic	Patient Characteristic	LOINC	starts before start of measurement period	Birth Date		Electronic Health Record (EHR)	
	Individual Characteristic	Patient Characteristic	Calculated	starts before start of measurement period	Age	>= 18	Electronic Health Record (EHR)	Measurement start date minus Birth Date will give age value to be used for the purposes of this measure.
	Individual Characteristic	Patient Characteristic	Gender HL7 Value Set	during measurement period	Gender		Electronic Health Record (EHR)	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race CDC Value Set	during measurement period	Race		Electronic Health Record (EHR)	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity CDC Value Set	during measurement period	Ethnicity		Electronic Health Record (EHR)	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Primary spoken language CDC Value Set	during measurement period	Preferred Language		Electronic Health Record (EHR)	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer Source of Payment Typology Value Set	during measurement period	Payer		Electronic Health Record (EHR)	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Condition / Diagnosis / Problem	Diagnosis, Active	ICD-9-CM, ICD-10-CM, SNOMED-CT	during [Hospital Episode of Care for Stroke]	Ischemic Stroke		Electronic Health Record (EHR)	
	Encounter	Encounter, Performed	SNOMED-CT	during measurement period	Patient Provider Interaction		Electronic Health Record (EHR)	
Denominator	Equals Initial Patient Population and							
	Measure Timing	Measure Timing	LOINC	<= 270 minutes starts after start of [Attribute, Result: Illness or injury onset date and time]	Time of Arrival		Electronic Health Record (EHR)	For inclusion in denominator, 'Time of Arrival' minus 'Illness or injury onset date and time' value must be less than or equal to 270 minutes for denominator inclusion.
	Measure Timing	Measure Timing	LOINC	during [Hospital Episode of Care for Stroke]	Illness or injury onset date and time		Electronic Health Record (EHR)	This data element will capture the concept of 'Time last known well'. 'Time last known well' is the baseline status of patient before the onset of symptoms.
	Attribute	Attribute, Result	n/a	n/a	PRESENT 'X'		Electronic Health Record (EHR)	This attribute is applied to the value set titled, 'Illness or injury onset date and time'. This attribute will be a date and time -- which will be used for calculation.
Denominator Exclusions	None							
Numerator	Preference	Provider Preference	SNOMED-CT	during [Hospital Episode of Care for Stroke]	t-PA administration considered		Electronic Health Record (EHR)	
Denominator Exceptions	There are no valid denominator exceptions for this measure.							

\*The Quality Data Model (QDM), Version 2.1, was developed by National Quality Forum (NQF).